



APPENDIX I

CLAIMS PENDING IN 08/892,695 WITH ENTRY OF THIS AMENDMENT

26. (Once amended) A method of screening for neoplastic cells in a sample, the method comprising:

contacting a nucleic acid sample from a human patient with a probe which hybridizes selectively to a target polynucleotide sequence comprising a sequence selected from the group consisting of [SEQ. ID. No. 1, SEQ. ID. No. 2, SEQ. ID. No. 3, SEQ. ID. No. 4, SEQ. ID. No. 5, SEQ. ID. No. 6, SEQ. ID. No. 7, SEQ. ID. No.] 8, SEQ. ID. No. 9, and SEQ. ID. No. 10, [SEQ. ID. No. 11, SEQ. ID. No. 12, and, SEQ. ID. No. 13] wherein the probe is contacted with the sample under conditions in which the probe specifically hybridizes under stringent conditions [selectively] with the target polynucleotide sequence to form a stable hybridization complex; and

detecting the formation of a hybridization complex, wherein an amplification of said target polynucleotide sequence indicates that said cell is a neoplastic cell.

27. The method of claim 26, wherein the nucleic acid sample is from a patient with breast cancer.

28. (Once amended) The method of claim 26, wherein the nucleic acid sample is a metaphase spread or [a]an interphase nucleus.

37. The method of claim 26, wherein the probe comprises a polynucleotide sequence as set forth in SEQ. ID. No. 9.

38. The method of claim 26, wherein the probe comprises a polynucleotide sequence as set forth in SEQ. ID. No. 10.